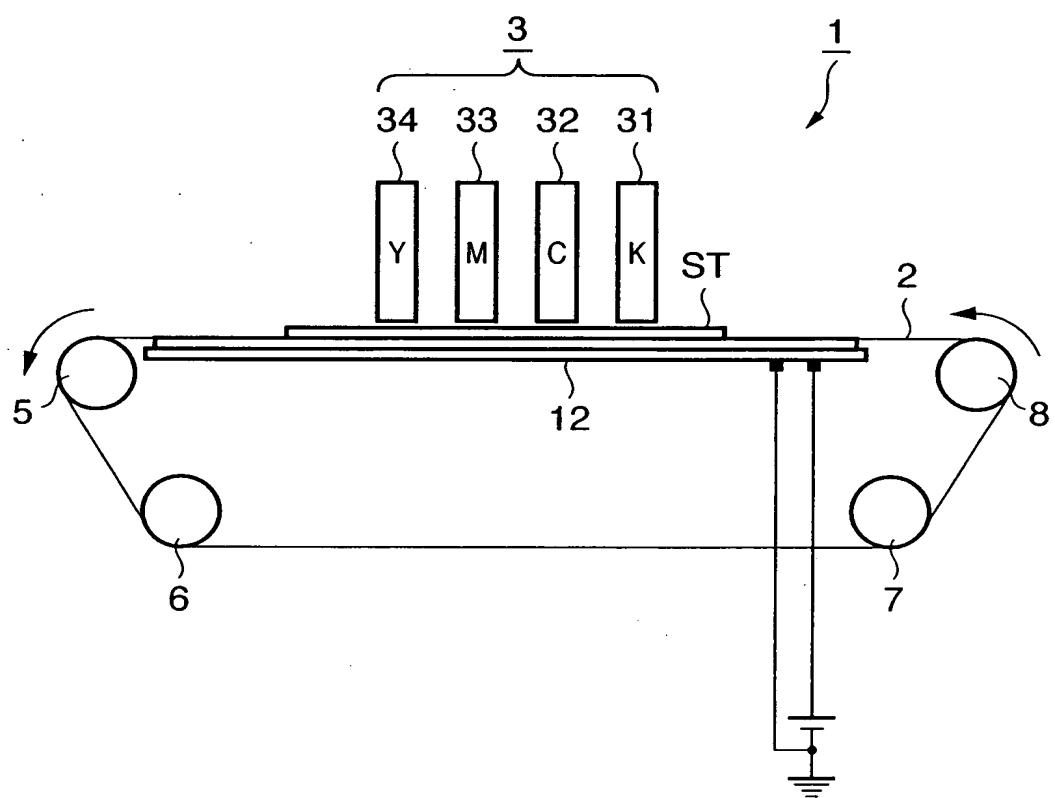
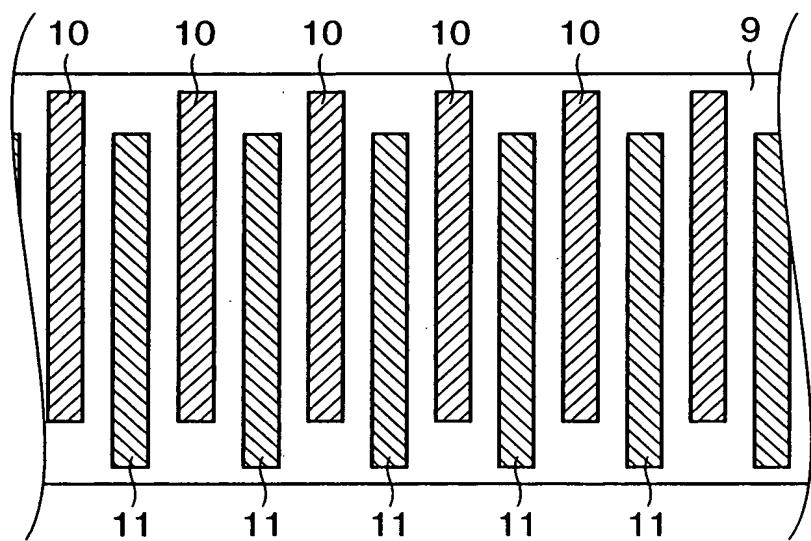


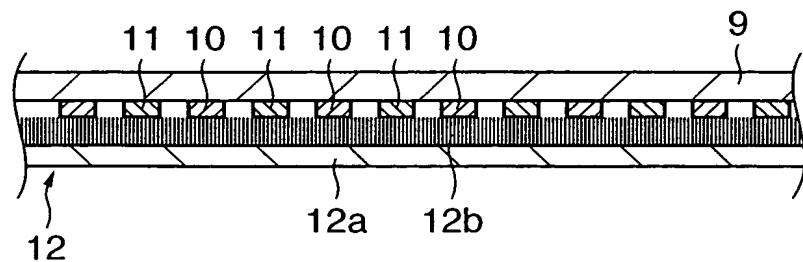
FIG. 1



**FIG. 2A**



**FIG. 2B**



**FIG. 3**

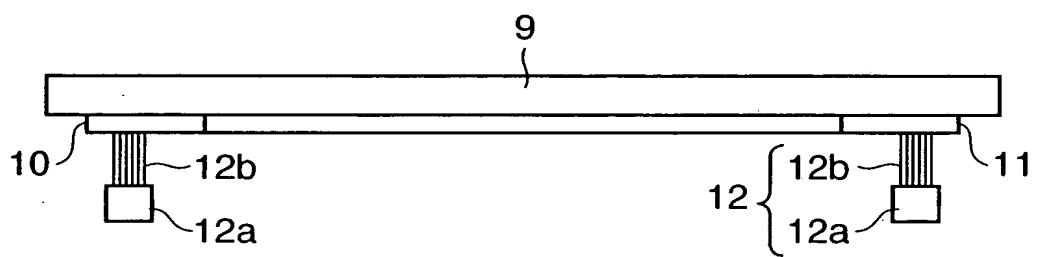


FIG. 4

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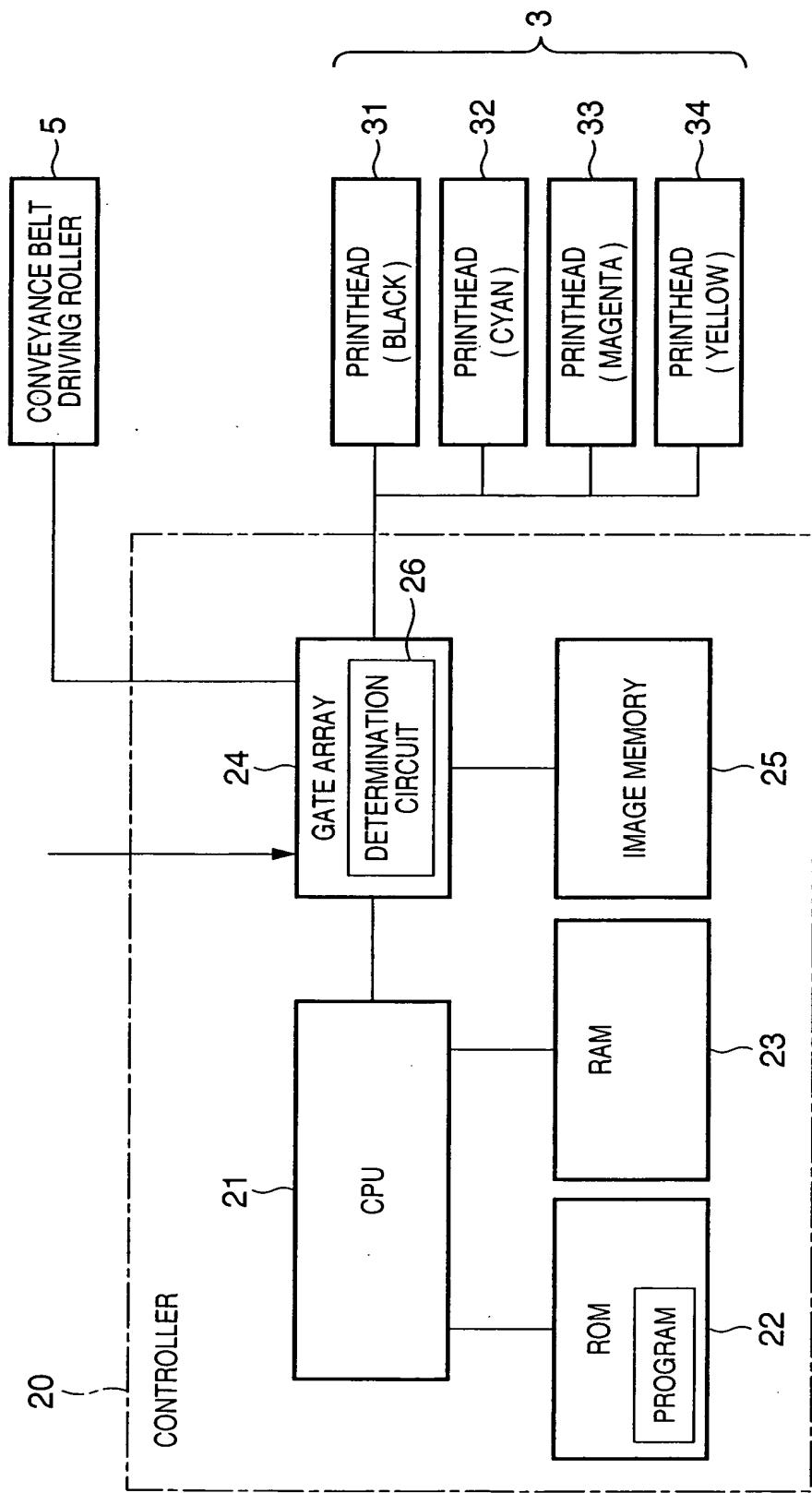


FIG. 5

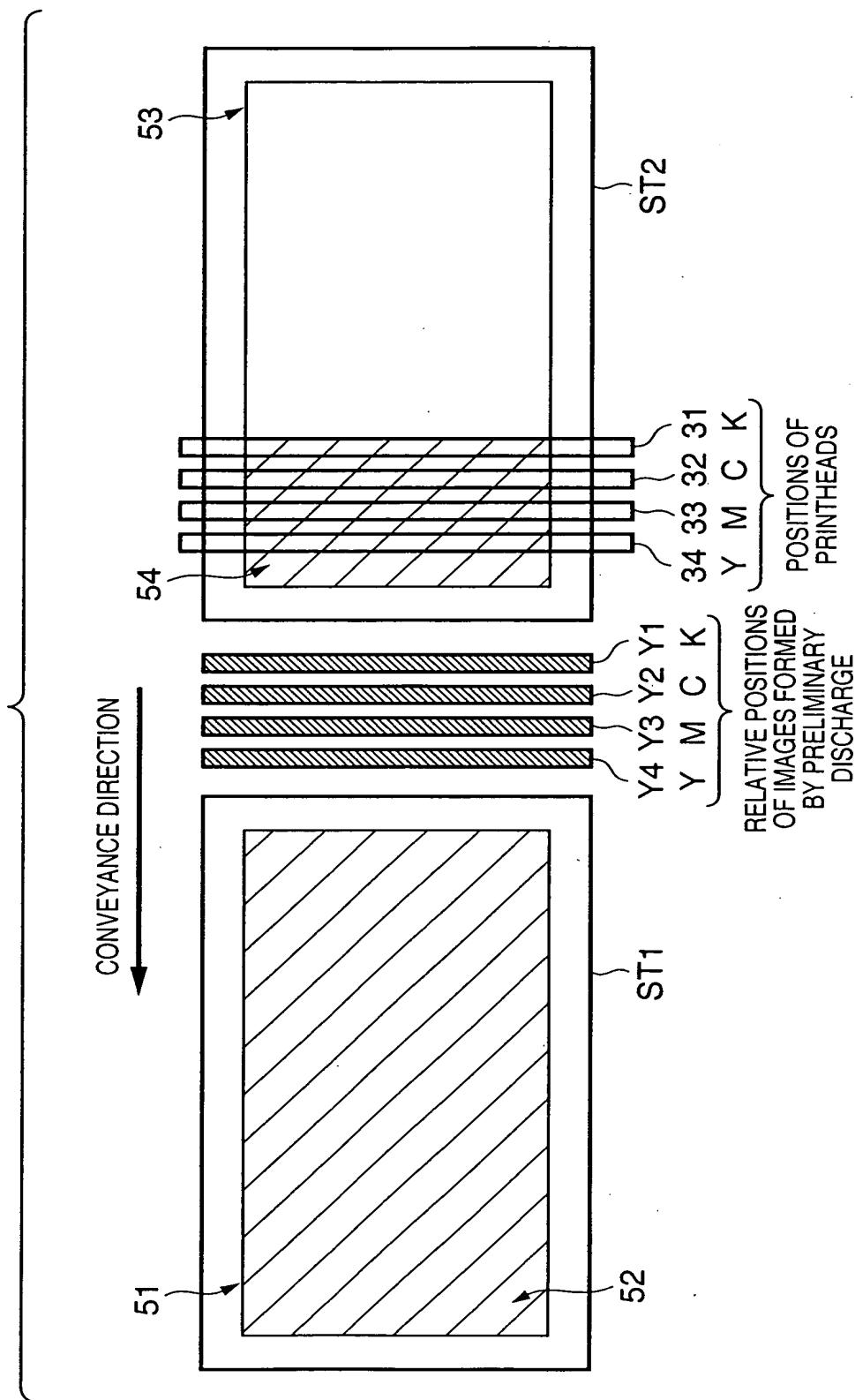
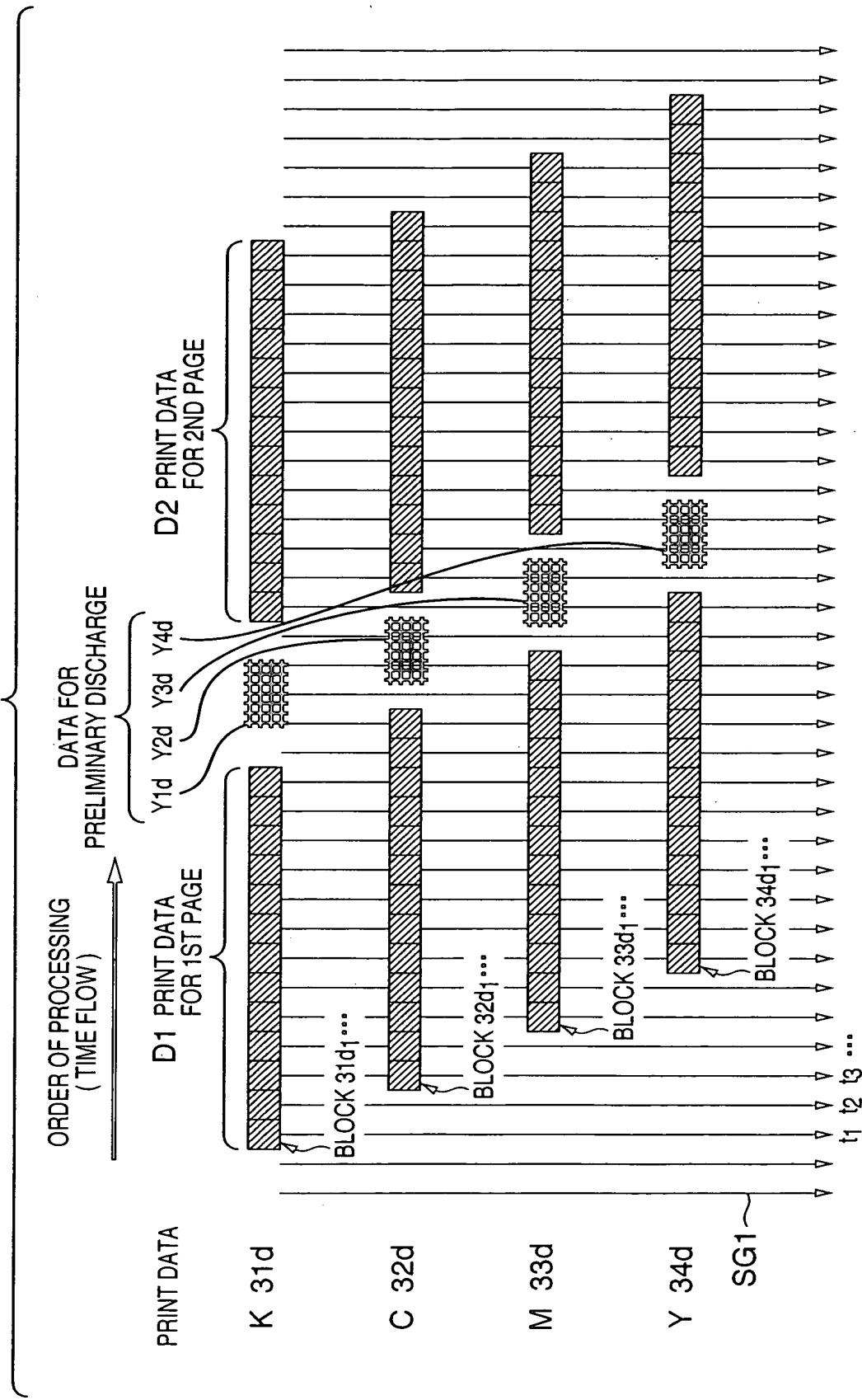


FIG. 6A



TIME	NUMBER OF PRINTING ELEMENT SGI ( SGI = LK + LC + LM + LY )				
	NUMBER LK OF K PRINTING ELEMENTS	NUMBER LC OF C PRINTING ELEMENTS	NUMBER LM OF M PRINTING ELEMENTS	NUMBER LY OF Y PRINTING ELEMENTS	NUMBER OF PRINTING ELEMENTS FOR PRELIMINARY DISCHARGE
PRINT- ING FOR 1ST PAGE (Y)	t <sub>1</sub>	31d <sub>1</sub>			
	t <sub>2</sub>	31d <sub>2</sub>			
	t <sub>3</sub>	31d <sub>3</sub>	32d <sub>1</sub>		
	t <sub>4</sub>	31d <sub>4</sub>	32d <sub>2</sub>		
	t <sub>5</sub>	31d <sub>5</sub>	32d <sub>3</sub>	33d <sub>1</sub>	
	t <sub>6</sub>	31d <sub>6</sub>	32d <sub>4</sub>	33d <sub>2</sub>	
	t <sub>7</sub>	31d <sub>7</sub>	32d <sub>5</sub>	33d <sub>3</sub>	34d <sub>1</sub>
	t <sub>8</sub>	31d <sub>8</sub>	32d <sub>6</sub>	33d <sub>4</sub>	34d <sub>2</sub>
	t <sub>9</sub>	31d <sub>9</sub>	32d <sub>7</sub>	33d <sub>5</sub>	34d <sub>3</sub>
	t <sub>10</sub>	31d <sub>10</sub>	32d <sub>8</sub>	33d <sub>6</sub>	34d <sub>4</sub>
	t <sub>11</sub>	31d <sub>11</sub>	32d <sub>9</sub>	33d <sub>7</sub>	34d <sub>5</sub>
	t <sub>12</sub>	31d <sub>12</sub>	32d <sub>10</sub>	33d <sub>8</sub>	34d <sub>6</sub>
	t <sub>13</sub>	31d <sub>13</sub>	32d <sub>11</sub>	33d <sub>9</sub>	34d <sub>7</sub>
	t <sub>14</sub>		32d <sub>12</sub>	33d <sub>10</sub>	34d <sub>8</sub>
	t <sub>15</sub>		32d <sub>13</sub>	33d <sub>11</sub>	34d <sub>9</sub>
PRINT- ING FOR 2ND PAGE (Y)	t <sub>16</sub>			33d <sub>12</sub>	34d <sub>10</sub>
	t <sub>17</sub>			33d <sub>13</sub>	34d <sub>11</sub>
	t <sub>18</sub>	31d <sub>1</sub>			34d <sub>12</sub>
	t <sub>19</sub>	31d <sub>2</sub>			34d <sub>13</sub>
	t <sub>20</sub>	31d <sub>3</sub>	32d <sub>1</sub>		
	t <sub>21</sub>	31d <sub>4</sub>	32d <sub>2</sub>		
	t <sub>22</sub>	31d <sub>5</sub>	32d <sub>3</sub>	33d <sub>1</sub>	
	t <sub>23</sub>	31d <sub>6</sub>	32d <sub>4</sub>	33d <sub>2</sub>	
	t <sub>24</sub>	31d <sub>7</sub>	32d <sub>5</sub>	33d <sub>3</sub>	34d <sub>1</sub>
	t <sub>25</sub>	31d <sub>8</sub>	32d <sub>6</sub>	33d <sub>4</sub>	34d <sub>2</sub>
	t <sub>26</sub>	31d <sub>9</sub>	32d <sub>7</sub>	33d <sub>5</sub>	34d <sub>3</sub>
	t <sub>27</sub>	31d <sub>10</sub>	32d <sub>8</sub>	33d <sub>6</sub>	34d <sub>4</sub>
	t <sub>28</sub>	31d <sub>11</sub>	32d <sub>9</sub>	33d <sub>7</sub>	34d <sub>5</sub>
	t <sub>29</sub>	31d <sub>12</sub>	32d <sub>10</sub>	33d <sub>8</sub>	34d <sub>6</sub>
	t <sub>30</sub>	31d <sub>13</sub>	32d <sub>11</sub>	33d <sub>9</sub>	34d <sub>7</sub>
	t <sub>31</sub>		32d <sub>12</sub>	33d <sub>10</sub>	34d <sub>8</sub>
	t <sub>32</sub>		32d <sub>13</sub>	33d <sub>11</sub>	34d <sub>9</sub>
	t <sub>33</sub>			33d <sub>12</sub>	34d <sub>10</sub>
	:			:	:

**F I G.**  
**6B**

PRELIMINARY  
DISCHARGE  
BETWEEN  
1ST PAGE  
AND  
2ND PAGE

FIG. 6C

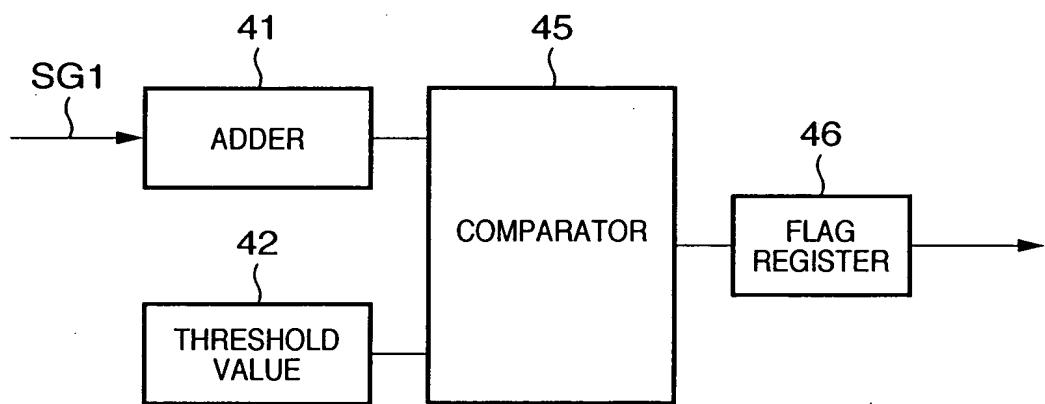


FIG. 7

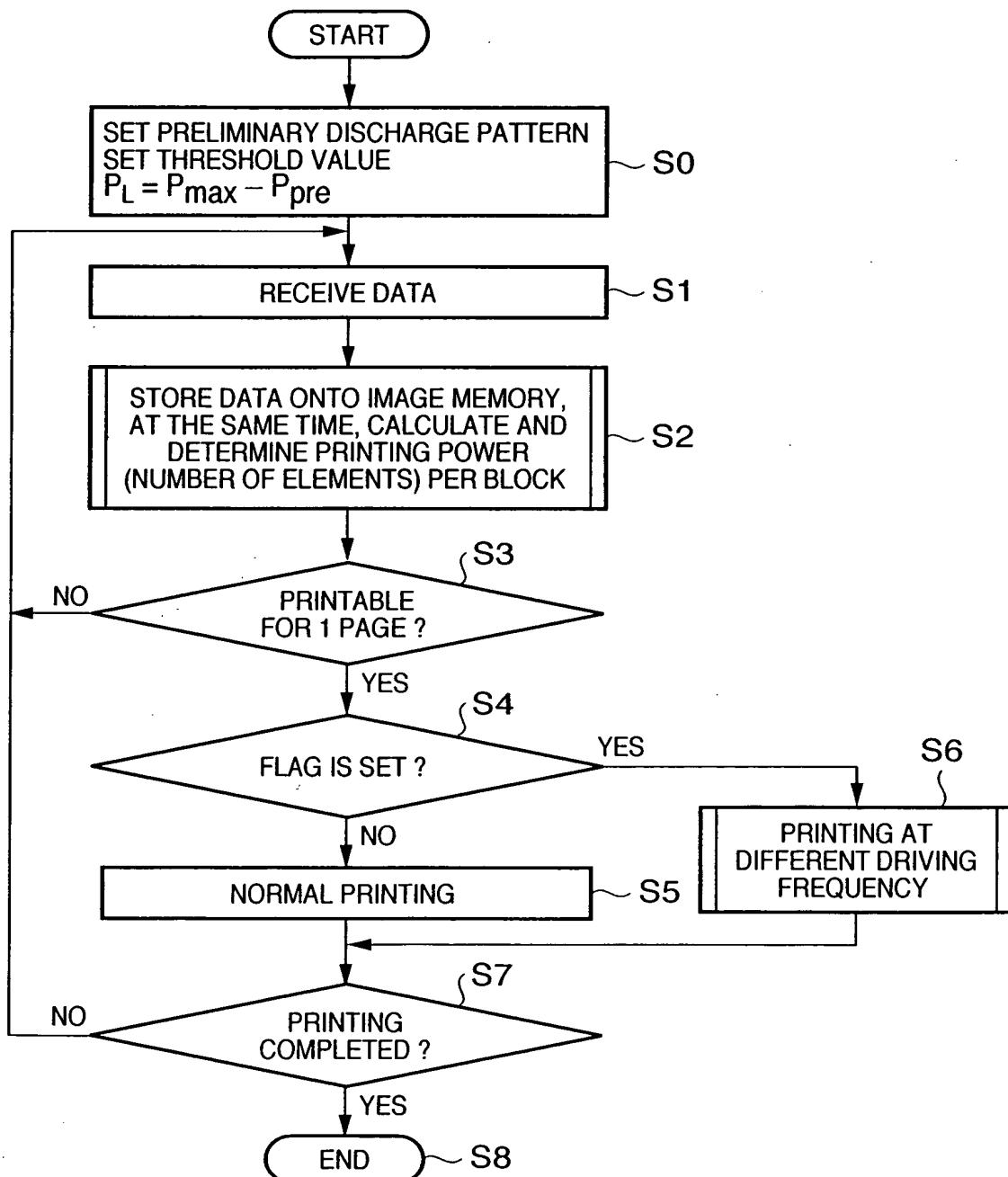


FIG. 8

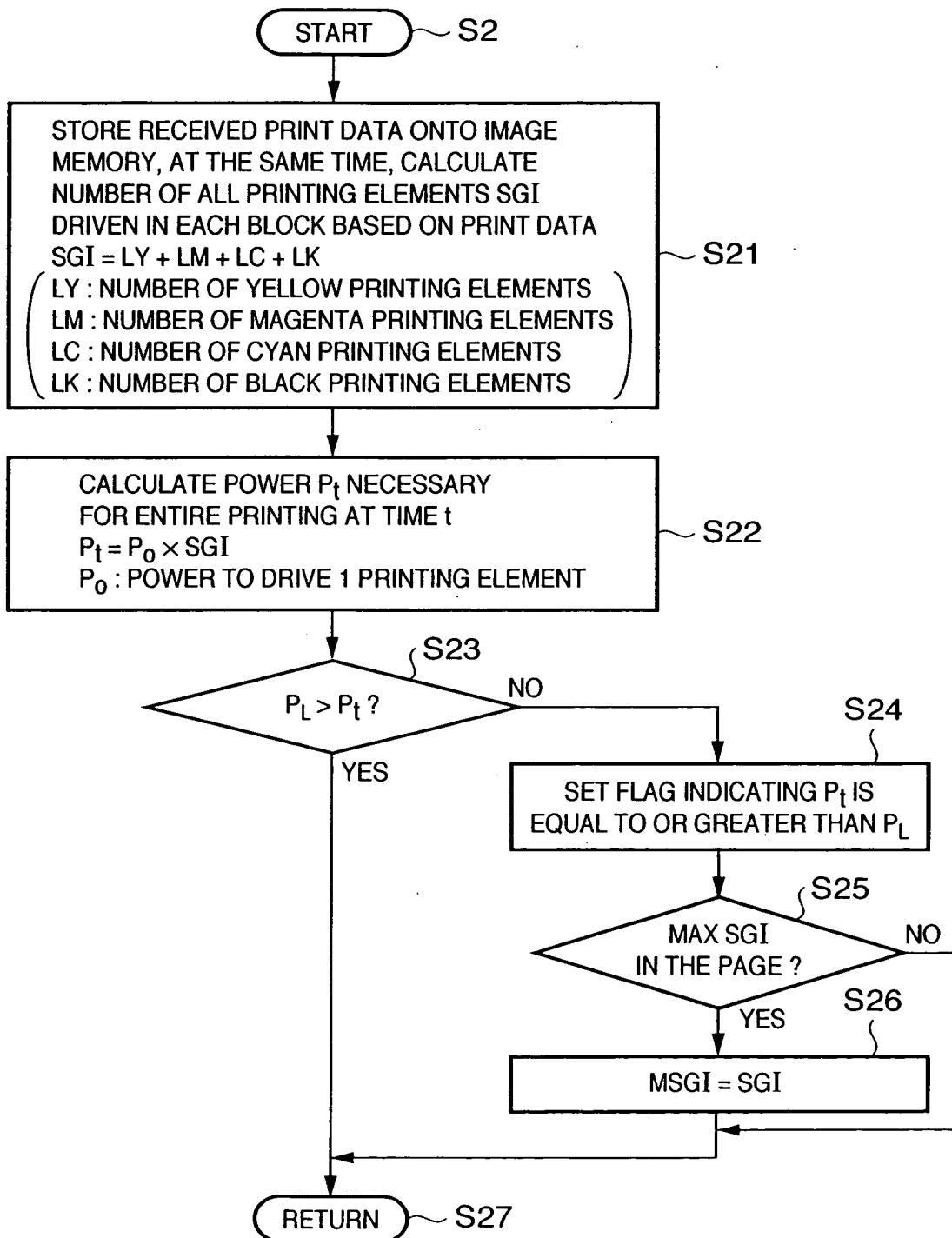
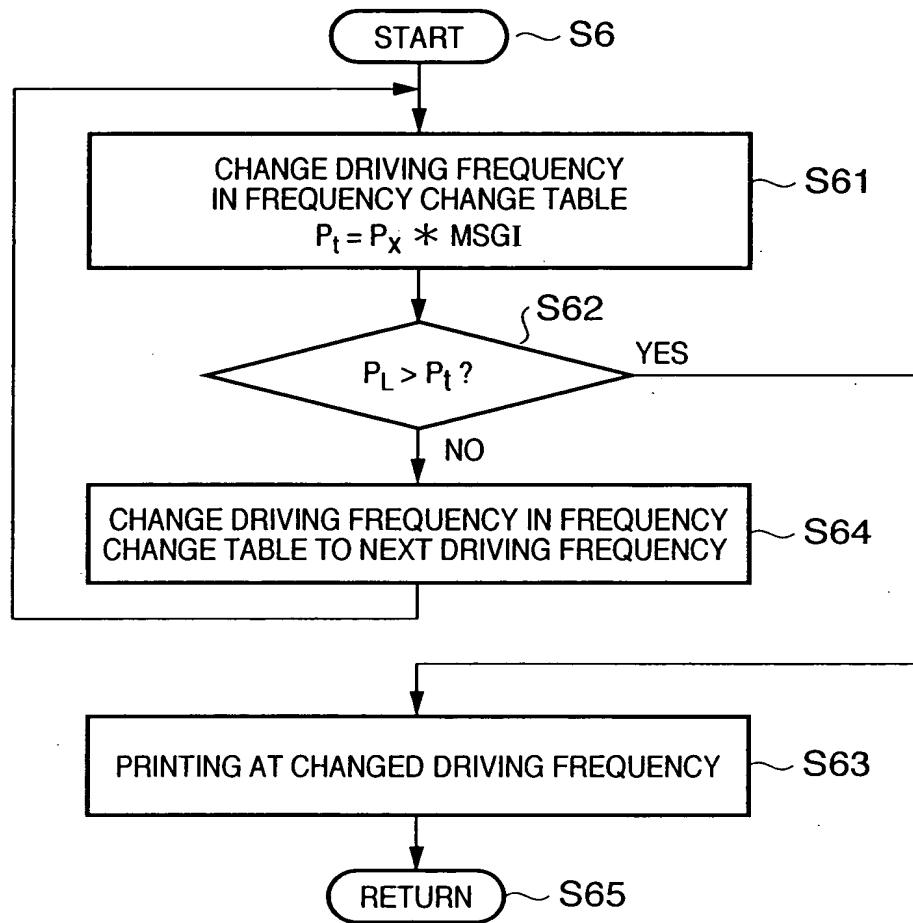


FIG. 9



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## FIG. 10

PATTERN	PRELIMINARY DISCHARGE PROFILE	PRELIMINARY DISCHARGE POWER $P_{pre}$
1	DISCHARGE FROM ONLY ODD-NUMBERED PRINTING ELEMENTS	$P_1$
2	DISCHARGE FROM ONLY EVEN-NUMBERED PRINTING ELEMENTS	$P_2$
3	DISCHARGE FROM ALL PRINTING ELEMENTS	$P_3$
⋮	⋮	⋮
n	XXX	XXX

## FIG. 11

NUMBER	DRIVING FREQUENCY (Hz)	DRIVING POWER (w)
1	XXX	P1
2	XXX	P2
3	XXX	P3
⋮	⋮	⋮
n	XXX	XXX